

THAT WHICH IS CLAIMED IS:

1. A method for connecting a pair of cooperating printed circuit boards comprising:

positioning a housing member having a clip receiving slot and a circuit board engaging surface
5 against a first printed circuit board, wherein at least one electrically conductive clip member having opposing ends is received within the clip receiving slot; and
soldering an end of the clip member to a circuit on the first printed circuit board and biasing
10 another end into connection with a circuit of a second printed circuit board such that high frequency radio frequency signals are transferred from one printed circuit board to the other printed circuit board via the clip member.

2. A method according to Claim 1, and further comprising the step of positioning a plurality of housing members adjacent to each other such that respective electrically conductive clip members
5 received within said housing members are positioned for interconnecting radio frequency signal line, ground lines, and DC signal lines that are formed on first and second printed circuit boards.

3. A method according to Claim 1, and further comprising the step of forming the at least one housing member from plastic.

4. A method according to Claim 1, and further comprising the step of forming the at least one housing member as a substantially rectangular configured housing member having a substantially flat
5 circuit board engaging surface.

5. A method according to Claim 1, and further comprising the step of forming each electrically conductive clip member as substantially v-shaped having a first leg member and an end that
5 engages the first circuit board member and a second leg member having an end that is spring biased against the second circuit board member.

6. A method according to Claim 5, and further comprising the step of forming the end of said second leg member as a bent contact end to aid in engaging a circuit on the second circuit board member.

7. A method according to Claim 5, and further comprising the step of forming the housing member as a shoulder within each clip receiving slot that engages the second leg member to maintain a
5 biasing force.

8. A connector system for connecting a pair of cooperating printed circuit boards, including the transfer of DC and high frequency signals comprising:

at least one housing member having a circuit
5 board engaging surface that is positioned against a first printed circuit board and a plurality of substantially parallel clip receiving slots formed therein;

a plurality of electrically conductive clip
10 members having opposing ends and received within respective clip receiving slots and having one end that is readily secured by soldering to a circuit on the first printed circuit board and another end that is biased into connection with a circuit of a second
15 printed circuit board wherein a clip member

interconnects a radio frequency signal line and adjacent clip members interconnect ground lines and DC signal lines for transferring high frequency signals, ground connections and DC signals from one printed
20 circuit board to the other printed circuit board via the clip members.

9. A connector system according to Claim 8, and further comprising a plurality of housing members positioned adjacent to each other such that respective electrically conductive clip members received within
5 said housing members are positioned for interconnecting the respective radio frequency signal line, ground lines, and DC signal lines.

10. A connector system according to Claim 8, wherein said at least one housing member is formed from plastic.

11. A connector system according to Claim 8, wherein said at least one housing member comprises a substantially rectangular configured housing member having a substantially flat circuit board engaging
5 surface.

12. A connector system according to Claim 8, wherein each electrically conductive clip member is substantially v-shaped having a first leg member and an end that engages the first circuit board member and a
5 second leg member having an end that is spring biased against the second circuit board member.

13. A connector system according to Claim 8, wherein said end of said second leg member comprises a

bent contact end to aid in engaging a circuit on the second circuit board member.

14. A connector system for connecting a pair of cooperating printed circuit boards, including the transfer of DC and high frequency signals comprising: at least one housing member having a circuit board engaging surface that is positioned against a first printed circuit board and a plurality of substantially parallel clip receiving slots formed therein, each substantially parallel clip receiving slots including a shoulder;

10 members having opposing ends and received within respective clip receiving slots and having one end that is readily secured by soldering to a circuit on the first printed circuit board and another end that engages said shoulder such that said end engaging the connection with a circuit of a second printed circuit board wherein a clip member interconnects a radio frequency signal line and adjacent clip members

15 interconnect ground lines and DC signal lines for transferring high frequency signals, ground connections and DC signals from one printed circuit board to the other printed circuit board via the clip members.

15. A connector system according to Claim 14, and further comprising a plurality of housing members positioned adjacent to each other such that respective electrically conductive clip members received within said housing members are positioned for interconnecting the respective radio frequency signal line, ground lines, and DC signal lines.

16. A connector system according to Claim 14, wherein said at least one housing member is formed from plastic.

17. A connector system according to Claim 14, wherein said at least one housing member comprises a substantially rectangular configured housing member having a substantially flat circuit
5 board engaging surface.

18. A connector system according to Claim 14, wherein each electrically conductive clip member is substantially v-shaped having a first leg member and an end that engages the first circuit board
5 member and a second leg member and an end that is spring biased against the second circuit board member.

19. A connector system according to Claim 18, wherein said end of said second leg member comprises a bent contact end to aid in engaging a circuit on the second circuit board member.

20. A method of connecting a pair of cooperating printed circuit boards comprising the steps of:

soldering to a circuit of a first printed
5 circuit board an end of at least one electrically conductive clip member that is received within a clip receiving slot of a housing member having a circuit board engaging surface that rests against the first printed circuit board; and
10 biasing the other end of the electrically conductive clip member against a circuit of a second printed circuit board.